Product Change Notification—PCN# **PCN000969**

March 7, 2023

Dear Valued Customer,

We would like to inform you that Moxa is going to release Moxa Industrial Linux 1.2.0 for the Moxa Arm-based computer on March 7, 2023.

Please review the details below to determine how these changes will affect your products and/or operations.

What are the changes to Moxa Industrial Linux 1.2.0?

New Features

- Adds the **moxa-bootloader-manager** utility for upgrading the bootloader from Linux

Enhancements

- Includes the latest security patches.

Bug Fixed

- Fix an issue in which the return value always shows failure even after successfully setting the watchdog timer flag WDIOS_ENABLECARD or WDIOS_DISABLECARDStopping
- Fix an issue (UC-3111 and UC-3121 only) in which the Bluetooth device's firmware fails to initialize at times during device boot-up. The issue was addressed by updating the Bluetooth WL18XX-BT-SP Bluetooth firmware from v4.3 to 4.8.
- Address CVE-2022-3088 for **moxa-version**

A detailed record of changes made to Moxa Industrial Linux, including package added, upgrades, and removed, and security patches applied, can be found on the Moxa Linux Document Center

Which products can apply Moxa Industrial Linux 1.2.0?

Product Name	Current OS Image Version	New OS Image Version
UC-2100 / UC-2100-W Series	v1.12	v1.13
UC-3100 Series	v1.6	v1.7
UC-5100 Series	v1.4	v1.5
UC-8100 Series	v3.5	v3.6
UC-8100-ME-T Series	v3.1	v3.2
UC-8100A-ME-T Series	v1.6	v1.7

Moxa Inc.
13F, No. 3, Sec. 4, New Taipei Blvd., Xinzhuang Dist.
New Taipei City 242032, Taiwan, R.O.C.
Tel: +886-2-8919-1230
Fax: +886-2-8522-8623
www.moxa.com

UC-8200 Series	v1.5	v1.6
UC-8410A (deb9) Series	v.4.1.2	v.4.2.2
UC-8540 Series	v2.1	v2.2
UC-8580 Series	v2.1	v2.2

When will the new versions be available?

1. Moxa Industrial Linux 1.2.0 is available to download now. You can update your UC Series above using the methods below:

   - OTA update from APT software repositories. For instructions, please refer to How to Keep Moxa IIoT Gateway Software Up-to-date

   - Download and install OS image binary from Moxa Arm-based computer product website

2. A separate PCN will be issued at a later time to announce the product change notification (PCN) for each UC series that updates the out-of-factory operating system to Moxa Industrial Linux 1.2.0.

If you have any questions, please contact George Hsiao (georgey.hsiao@moxa.com), or contact your regional sales representative.